

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("20020112638" "20040112306" "5082502" "5430691" "5494004" "6438191" "6684823").PN.	USPAT	OR	OFF	2007/08/13 13:13
S2	22	("4332271" "5671600" "5016437" "5206176" "7084378" "20050189343" "6076745" "5490775" "5681162" "5871343" "6065688" "20050125930" "20050125933" "20050126594" "20050199743" "20050284137" "20060048506" "4404953" "4869132" "5690171" "5888063" "6918442" "6918443" "6951247" "6991032" "6991033" "7032660" "7040397" "7040399" "20030079877" "20030080604" "20030098149" "20030098605" "20030100451" "20030102124" "20030102125" "20030102126" "20030102130" "20030111223" "20030131993" "20030131994" "20030131996" "20030136558" "20030136559" "20030137181" "20030141066" "20030141067" "20030141068" "20030142964" "20030146002" ).pn.	USPAT	OR	OFF	2007/03/14 15:06
S3	78	("4332271" "5671600" "5016437" "5206176" "7084378" "20050189343" "6076745" "5490775" "5681162" "5871343" "6065688" "20050125930" "20050125933" "20050126594" "20050199743" "20050284137" "20060048506" "4404953" "4869132" "5690171" "5888063" "6918442" "6918443" "6951247" "6991032" "6991033" "7032660" "7040397" "7040399" "20030079877" "20030080604" "20030098149" "20030098605" "20030100451" "20030102124" "20030102125" "20030102126" "20030102130" "20030111223" "20030131993" "20030131994" "20030131996" "20030136558" "20030136559" "20030137181" "20030141066" "20030141067" "20030141068" "20030142964" "20030146002" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:14

## EAST Search History

S4	3072	431/121 431/3 431/1 122/379 134/30 15/316.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:15
S5	465	431/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:15
S6	332	431/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:16
S7	970	431/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:16
S8	1284	122/379.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:18
S9	17	122/379.ccls. and detonation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:18
S10	1	134/30.ccls. and detonation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 15:20
S11	3	15/316.1.ccls. and detonation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:59

## EAST Search History

S12	3	"2972502".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:59
S13	2	"5494004".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 18:00
S14	1	"2972502".pn.	USPAT	OR	OFF	2007/08/10 18:01
S15	18584	(pipe or tube) with (connect\$4 or join\$3) same flange same bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 13:16
S16	237	(pipe or tube) with (connect\$4 or join\$3) with segment same flange same bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:17
S17	94	(pipe or tube) with (connect\$4 or join\$3) with segment with flange same bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:17
S18	40	(pipe or tube) with (connect\$4 or join\$3) with segment with flange with bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:24
S19	3119	431/121 431/3 431/1 122/379 134/30 15/316.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 13:24

## EAST Search History

S20	0	S19 and (pipe or tube) with (connect\$4 or join\$3) with segment with flange with bolt\$1 same end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:26
S21	0	S19 and (pipe or tube) with (connect\$4 or join\$3) with segment with flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:16
S22	0	S19 and soot same (pipe or tube) with segment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:17
S23	33	S19 and (pipe or tube) with segment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 16:39
S24	5463	((431/121) or (431/3) or (431/1) or (122/379) or (134/30) or (15/316.1)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 16:40
S25	19	S24 and @pd >= "20070316"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 16:41